Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Tuesday 07 Sep 2021 until 23:59 on Wednesday 08 Sep 2021

Forecast Issued on Tuesday 07 Sep 2021 at 00:07

Confidence: High for the continuing settled weather Tuesday and Wednesday and for the transition to more unsettled conditions Wednesday night. Lower for cloud amounts, and for details of thundery showers later in the week.

Headline for Tuesday 07 Sep 2021: Dry and very warm with plenty of sunshine.

Mountain weather hazards on Tuesday 07 Sep 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny	Sunny	Sunny	Sunny	Clear night	Clear night
Precipitation probability					
00%	00%	00%	00%	00%	00%

Forecast for Tuesday 07 Sep 2021

Weather: A dry and largely sunny start to the day, along with a few mist and fog patches. The fog will soon lift in the morning, giving temporary reductions in visibility on the hills as it does so. Otherwise the day will be dry and very warm with long periods of sunshine and any cloud above the hills.

Chance of cloud free mountain/hill tops above 600m: 95% or more.

Visibility: Visibility will generally be moderate to good, with distant hills usually visible but somewhat hazy. Temporary reductions are likely as fog patches lift, briefly becoming poor or very poor with nearby landmarks difficult to make out.

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Forecast for Tuesday 07 Sep 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/9 S	8/10 S	9/12 SW	6/9 SW	8/13 SE	11/16 SE	13/20 SE
300	4/5 SE	5/7 S	7/10 SW	5/8 SW	7/11 SE	8/13 SE	8/15 SE
Valley	4/6 E	2/5 S	5/9 SW	3/6 SW	4/11 SE	6/12 E	6/13 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	17/16	18/18	21/20	22/22	21/20	20/18	19/16
300	18/18	20/21	23/23	24/25	24/24	22/21	20/19
Valley	16/17	21/22	24/25	26/26	23/24	21/21	19/19
Freezing Level*	3400m	3400m	3400m	3400m	3400m	3400m	3300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling very warm in prolonged sunshine and light winds. UV levels will be moderate, so sun protection and adequate hydration is recommended.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Tue 07 Sep 2021	0mm	0mm	0mm

Forecast for Wednesday 08 Sep 2021

Weather: Dry and largely clear overnight, with just a slight chance that there may be some fog patches forming in valleys. Any fog will soon lift in the morning, giving temporary reductions in visibility on the hills as it does so. Otherwise the day will be dry and very warm with long periods of sunshine and any cloud above the hills. Somewhat breezier than Tuesday. High cloud likely making the sunshine hazy later in the day, with a risk of thundery showers developing during the evening.

Maximum wind: Southeasterly 20mph, gusting 30mph.

Chance of cloud free mountain/hill tops above 600m: 80% becoming 100% by mid-morning

Visibility: Visibility will generally be moderate to good, with distant hills usually visible but somewhat hazy. Temporary reductions are likely as fog patches lift, briefly becoming poor or very poor with nearby landmarks difficult to make out. Temporarily poor as well in any thundery showers during the evening.

Temperature: **Valleys:** Plus 14C becoming plus 26C
At 600m: Plus 20 Celsius.
Freezing level: Well above the hills

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